

2/4 PLUSPAT(C) QUESTEL-ORBIT- image

CPIM (C) JPO

PN - JP4106865 A 19920408 [JP04106865]

PN2 - JP2605463 B2 19970430 [JP2605463]

TI - (A) BATTERY

PA - (A) SHIN KOBE ELECTRIC MACHINERY

PA0 - (A) SHIN KOBE ELECTRIC MACH CO LTD

IN - (A) TAKABAYASHI HISAAKI; NAKAI KENJI; HIGASHIMOTO KOJI; HIRONAKA  
KENSUKE

AP - JP22496890 19900827 [1990JP-0224968]

PR - JP22496890 19900827 [1990JP-0224968]

IC - (A) H01M-002/02 H01M-002/06 H01M-002/16

EC - H01M-002/02B4C

- H01M-002/30

ICO - T01M-002/02E7

STG - (A) Doc. Laid open to publ. Inspec.

STG2- (B2) Grant. Pat. With A from 2500000 on

AB - PURPOSE: To facilitate complete sealing by composing a lamination structure of synthetic resin for coating a group of pole plates, disposing a metal layer on its surface to be positioned at parts other than the peripheral parts of the synthetic resin, and providing throughholes for energizing in the synthetic resin of the lamination structure.

- CONSTITUTION: A group of pole plates consisting of a positive pole 1, a negative pole 2 and a separator 3 is coated with a pair of sheets of films of synthetic resin 4, and the synthetic resin for coating the pole plate group is of a lamination structure consisting of a plural layers 6-8. At least one metal layer 5 is disposed on the surface of the lamination structure, the metal layer 5 is positioned at parts other than the peripheral parts of the synthetic resin 4, and at least one throughhole 9 for electrification is provided in the synthetic resin 4 of the lamination structure. A battery can thus be composed without protruding the terminals. Complete sealing can thus be performed easily.

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